

Title (en)

RE-QUANTIZATION DEVICE HAVING NOISE SHAPING FUNCTION, SIGNAL COMPRESSION DEVICE HAVING NOISE SHAPING FUNCTION, AND SIGNAL TRANSMISSION DEVICE HAVING NOISE SHAPING FUNCTION

Title (de)

REQUANTISIERUNGSVORRICHTUNG MIT RAUSCHFORMUNGSFUNKTION, SIGNALKOMPRESSIONSVORRICHTUNG MIT RAUSCHFORMUNGSFUNKTION UND SIGNALÜBERTRAGUNGSVORRICHTUNG MIT RAUSCHFORMUNGSFUNKTION

Title (fr)

DISPOSITIF DE REQUANTIFICATION À FONCTION DE MISE EN FORME DU BRUIT, DISPOSITIF DE COMPRESSION DE SIGNAL À FONCTION DE MISE EN FORME DU BRUIT, ET DISPOSITIF DE TRANSMISSION DE SIGNAL À FONCTION DE MISE EN FORME DU BRUIT

Publication

EP 3691130 A1 20200805 (EN)

Application

EP 18861766 A 20180926

Priority

- JP 2017191237 A 20170929
- JP 2018093145 A 20180514
- JP 2018035643 W 20180926

Abstract (en)

What is provided is a subtractor, as a re-quantization device, which is configured to detect re-quantization noise, a discrete time filter which is configured to perform frequency weighting on the detected re-quantization noise, an adder which is configured to add an additional signal to quantization noise, and an additional signal selector which is configured to select a value at the present time of a column of an additional signal for minimizing the magnitude of quantization noise having been subjected to frequency weighting evaluated one sampling or more later.

IPC 8 full level

H03M 7/38 (2006.01)

CPC (source: EP US)

H03M 7/3015 (2013.01 - EP); **H03M 7/3026** (2013.01 - US); **H03M 3/366** (2013.01 - EP); **H03M 3/50** (2013.01 - EP); **H03M 7/3026** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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